

CLAIMS

What is claimed is:

1. A method for viewing data associated with one or more objects within a field of view of a human operator, the method comprising:

5 directing the view of a wearable camera worn by a human operator towards within the field of view of the operator;

detecting one or more visual markers within a field of view of the camera, at least one of said visual markers associated with and proximate to an object within the field of view of the operator;

10 selecting data from a memory storage, said data associated with one of said objects associated with one of said visual marker;

displaying the data on a wearable display worn by said operator.

2. The method of claim 1, wherein said selecting data includes identifying which of said visual markers is located within a predetermined zone of view of said camera for a predetermined amount of time.

3. The method of claim 2, wherein said zone is a central 50% of the field of view of the camera.

4. The method of claim 1, wherein the data is displayed on a see-through display such that the data are superimposed on a real image seen in the field of view of the operator.

5. The method of claim 1, further comprising displaying additional data associated with said object in response to a request sent by the operator.

6. The method of claim 1, further comprising processing the image the detected visual marker to determine a unique identifier associated with the marker, and transmitting the unique identifier to a processor for selecting said data.

5 7. The method of claim 5, wherein said request is an electric signal generated by a voice command from the operator.

8. The method of claim 5, wherein the request is an electric signal generated by a physical touch by the operator.

10 9. The method of claim 5, wherein the request is determined by maintaining the object of interest within the predetermined zone of view for a predetermined period of time.

10. The method for coordinating the movement of human workers in a working environment having one or more objects labeled with a visual marker therein, the method comprising:

15 directing the view of a wearable camera worn by a human operator towards a field of view of the operator;

detecting one or more visual markers within a field of view of the camera, at least one of said visual markers associated with and proximate to each of the objects;

20 processing the image of the visual marker and determining a unique identifier associated with the marker;

obtaining the physical location of the marker maintained in a memory storage; and

determining the location of the operator based on the location of the one or more markers within the field of view of the camera.

11. The method of claim 10, further comprising tracking the movement of the operator by monitoring the change of the location of the markers within the field of view of the camera.

12. The method of claim 10, further comprising tracking the movement of the operator by monitoring the series of markers passing within the field of view of the camera.

13. The method of claim 10, further comprising displaying data on a see-through display such that the data are superimposed on a real image seen in the field of view of the operator, wherein said data includes information directing the operator to a new location.

14. A system for viewing data comprising:

a wearable camera worn by a human operator, said camera capable of viewing at least a substantial portion of a field of view of the operator, and capable of viewing visual markers proximate to objects within the field of view of the operator;

a wearable computer system having logic capable of detecting one or more visual markers within the field of view of the camera, determining an identifier associated with the marker, and wirelessly transmitting the identifier to a computer network and wirelessly receiving data associated with the identifier from the computer network;

a memory storage in communication with the network containing the information associated with the markers; and

a wearable display.

15. The system of claim 14 wherein the wearable display is a see-through display permitting simultaneous viewing of information on the display and of objects within the field of view of the operator.